

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Takeshi SAKAMOTO et al.)	
)	
Application No.: 10/594,949)	Confirmation No.: 1891
)	
Filed: June 21, 2007)	Group Art Unit: 2893
)	
Allowed: December 30, 2009)	Examiner: Khan, Farid H.
)	
For: LASER PROCESSING METHOD)	
AND SEMICONDUCTOR CHIP)	

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

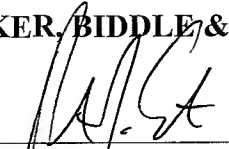
REQUEST FOR RETURN OF RECORDED ASSIGNMENT

An assignment for the above-identified application was filed in the U.S. Patent and Trademark Office on June 21, 2007. To date, no recorded assignment has been received. A copy of the Recordation Form Cover Sheet (PTO-1595) along with a copy of the Assignment and the PTO postcard receipt submitted June 21, 2007 are attached.

Please promptly send the recorded assignment to the undersigned. Thank you.

Respectfully submitted,

DRINKER, BIDDLE & REATH, LLP


By: Peter J. Sistare, Reg. No. 48,183

Dated: January 14, 2010

Customer No.: 55694
DRINKER BIDDLE & REATH LLP
1500 K Street, N.W., Suite 1100
Washington, DC 20005-1209
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Drinker Biddle & Reath

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The official date stamp of the United States Patent and Trademark Office hereon is acknowledgment of the receipt of:

I. Application

- ☐ A. Application Transmittal
- ☐ Provisional
 - ☐ Utility
 - ☐ Design
 - ☐ Plant
- ☐ B. Continuation/Divisional/Continuation-In-Part
- ☐ § 1.53(b)
 - ☐ § 1.53 (f) – fee not included
- ☐ C. English Translation of Specification:
_____ Sheet(s) (Plus Translation Verification Sheet)
- ☐ D. _____ Total Claim(s)
- ☐ E. _____ Sheets of Replacement Drawing(s)
(containing Figures _____)
- ☐ F. Small Entity
- ☒ G. Combined Declaration & Power of Attorney

II. Prosecution Documents

- ☐ A. Notice of Appeal
- ☐ B. Preliminary Amendment
- ☐ C. Information Disclosure Statement
- ☐ PTO Form 1449
 - ☐ non-US references
 - ☐ PCT/ISA/210 (International Search Report dated _____)

III. Post Issuance

- ☐ A. _____ Maintenance Fee
- ☐ B. Request for Correction of Letters Patent

IV. Recordation

- ☒ A. Assignment
- ☐ B. Security Interest Agreement (Number of Patents Covered: _____)
- ☐ C. Change of Name, Merger or Other Transfer Document (Number of Patents Covered: _____)
- ☒ D. PTO Recordation Form Cover Sheet

VI. Payment

- ☒ Check No. 38074 for \$170.00
- ☐ Fee Transmittal PTO/SB/17
- ☐ Deposit Account No. _____ for \$ _____

VII. Other

- ☒ A. Response to Notification of Missing Requirements
- ☒ B. Copy of Notification of Missing Requirements
- ☐ C. PCT/IB/338 (International Preliminary Report on Patentability)
- ☐ D. PCT/IB/373
- ☐ E. PCT/ISA/237

Date:	June 21, 2007
Client No.:	46884
Attorney Docket No./File No.:	46884-5520
Matter No.:	232061
Title:	LASER PROCESSING METHOD AND SEMICONDUCTOR CHIP
Inventor(s):	Takeshi SAKAMOTO et al.
Application/Patent No.	10/594,949
Attorney:	Peter J. Sistare
Confirmation No.	1891
Secretary:	Eileen Ferrier

⑧ 6/21/07
KJT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Takeshi SAKAMOTO et al.)	Confirmation No.: 1891
)	
U.S. Application No.: 10/594,949)	Group Art Unit: 2828
)	
Filed: September 29, 2006)	Examiner: Unassigned
)	
For: LASER PROCESSING METHOD AND)	
SEMICONDUCTOR CHIP)	

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. § 371 IN THE U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. This replies to the Notification of Missing Requirements (Form PCT/DO/EO/905) mailed May 23, 2007.

A copy of the Notification of Missing Requirements (Form PCT/DO/EO/905) is enclosed.
2. Declaration Or Oath
 - ☒ No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney.
 - ☐ The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
 - ☐ The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.
3. English Translation of Non-English Language Papers
 - ☐ Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.
 - ☐ Also enclosed is the Verification of Translation Document
4. Small Entity Statement(s)
 - ☐ Applicant(s) hereby assert small entity status.

5. Fee Calculation

			Basic National Stage Fee:	Previously Paid
	Number Filed	Number Extra	\$300.00 at a Rate of	
Total Claims	25 - 20 =	5	\$50.00 each=	Previously Paid
Independent Claims	8 - 3 =	5	\$200.00 each=	Previously Paid
Multiple dependent claim(s), if any			\$360.00	Previously Paid
Missing Requirements Surcharge Fee			\$130.00	\$130.00
Application Size Fee				
\$250.00 for each additional 50 sheets that exceeds 100				\$0.00
Application Search Fee			\$400.00	Previously Paid
Examination Fee			\$200.00	Previously Paid
			SUB-TOTAL =	\$130.00
Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(k) and § 1.52(d))			\$130.00	\$0.00
Fee For Processing and retention of application (37 C.F.R. § 1.21(l) and § 1.53(d))			\$130.00	\$0.00
			TOTAL FILING FEE =	\$130.00

6. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. §§ 1.17(a)-(d), for the total number of months checked below:

	<u>Total Months Requested</u>	<u>Extension Fee</u>	<u>Extension Fee [Small Entity]</u>
<input type="checkbox"/>	One month	\$120.00	\$60.00
<input type="checkbox"/>	Two months	\$450.00	\$225.00
<input type="checkbox"/>	Three months	\$1,020.00	\$510.00
<input type="checkbox"/>	Four months	\$1,590.00	\$795.00
<input type="checkbox"/>	Five months	\$2,160.00	\$1,080.00

Extension of time fee due with this request: \$_____

If an additional extension of time is required, please consider this a Petition therefor.

- ☒ Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

7. Fee Payment

The total fee due is:

Completion Fees	<u>\$130.00</u>
Assignment Fees	<u>\$40.00</u>
Total Fee Due	<u>\$170.00</u>

- ☒ A check in the amount of \$170.00 to cover the above fees is enclosed

- ☐ The Commissioner is hereby authorized to charge the total fee due to Deposit Account 50-0573.
- ☒ **Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0573.

8. Additional papers enclosed.

- ☐ PCT/IB/338 (International Preliminary Report on Patentability)
- ☐ PCT/IB/373
- ☐ PCT/ISA/237
- ☐ PCT/ISA/210 (International Search Report dated)
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, non-US patent documents as listed
- ☒ Assignment Recordation Cover Sheet (PTO Form-1595)
- ☒ Assignment of the invention to Hamamatsu Photonics K.K.

Respectfully submitted,

DRINKER BIDDLE & REATH LLP



Peter J. Sistrare, Reg. No. 48,183

Date: June 21, 2007

Customer No. 055694

DRINKER BIDDLE & REATH LLP

1500 K. Street, N.W., Suite 1100

Washington, DC 20005-1209

Tel: (202) 842-8800

Fax: (202) 204-0289

RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 46884-5520

To the Commissioner for Patents

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(1) Takeshi SAKAMOTO
(2) Kenshi FUKUMITSU

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: HAMAMATSU PHOTONICS K.K.

Address: 1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: (1-2) October 27, 2006

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/594,949

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John G. Smith

Internal Address: DRINKER BIDDLE & REATH LLP
Customer No. 55694

Street Address: 1500 K. Street, N.W., Suite 1100
City: Washington State: D.C. Zip: 20005-1209

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

☒ Enclosed

☐ Authorized to be charged to Deposit Account 50-0573

8. Deposit Account No. 50-0573

(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter J. Sistare, Reg. No. 48,183

Name of Person Signing

Signature

June 21, 2007

Date

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

Whereas, I/we,

NameAddress

1) Takeshi SAKAMOTO

c/o Hamamatsu Photonics K.K.,

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

c/o Hamamatsu Photonics K.K.,

2) Kenshi FUKUMITSU

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
LASER PROCESSING METHOD AND SEMICONDUCTOR CHIP

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless
 otherwise indicated below:

filed on September 29, 2006, Serial No. 10/594949, and

Whereas

HAMAMATSU PHOTONICS K.K.

1126-1, Ichino-cho,

Hamamatsu-shi, Shizuoka 435-8558 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States
 patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is
 hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign,
 transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to
 this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States
 which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of
 Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and
 assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with
 assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal
 proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or
 desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional,
 continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its
 successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being
 understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and
 assigns.

INVENTORSDATE SIGNED

1):

Name:

Takeshi Sakamoto

Takeshi SAKAMOTO

2006. 10. 27

2):

Name:

Kenshi Fukumitsu

Kenshi FUKUMITSU

27 / October / 2006